

QUARTERLY PROGRESS REPORT

Fourth Quarter

Project Title:	Impact of Congestion on Bus Operations and Costs		
RFP NUMBER: 2001 – 24	NJDOT RESEARCH PROJECT MANAGER: Ed Kondrath		
TASK ORDER NUMBER/Study Number: 17	PRINCIPAL INVESTIGATOR: Claire McKnight		
Period Starting: Jan. 31, 2002 (Start Date of Study)	Period Ending: December 31 2002		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
1. Literature Search	11	0	100	11
2. Data Collection	26	40	100	26
3. Model Development	23	15	40	9
4. Estimation of Impacts	21	20	20	4
Final Report	19	0	0	0
TOTAL	100%			50%

1. Progress this quarter by task:

Data runs to collect bus travel times are completed. Data collection by car to determine distances, general traffic travel times, and other route characteristics have been completed. Statistical analysis of travel times by time of day and route segment are being continued. An analysis of the impact of dwell time on travel time is being completed. The development of the model of bus travel time as a function of general traffic travel time is on-going.

2. Proposed activities for next quarter by task:

The modeling process will be completed, and the impacts will be estimated. The final report will be written.

3. List of deliverables provided in this quarter by task (product date)

Technical memorandum describing data collection and data.

4. Progress on Implementation and Training Activities

Not applicable at this date.

5. Problems/Proposed Solutions

6. Budget Summary

Total Project Budget(# of years)	\$76,820
Total Project Expenditure to date	\$42,300
% of Total Project Budget Expended	55%
Task Order Number/Study Number:	17
Current Task Order Budget (# of years)	
Actual Expenditure to date against current task order	
% of current task order budget expended	